

Armaan Raj Thakur

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EDUCATION

IES IPS ACADEMY

Bachelor of Technology in Computer Science

Relevant Courses: Data Structures, Algorithms, Blockchain Development, Web Development, Cryptography.

Indore, Madhya Pradesh

Sept. 2023 – May. 2027

SKILLS

Languages: TypeScript, JavaScript, Python, Solidity, Java, C++

Frontend: Next.js, React, Tailwind CSS, Shadcn, Redux, Three.js

Backend: Node.js, Express.js, REST APIs

Blockchain: Solidity, Web3.js, Ethers, Wagmi, Hardhat

Databases: Firebase, MongoDB, PostgreSQL, Supabase

PROJECTS

Portfolio Website | *Next.js, Tailwind CSS*

January 2025

- Developed a responsive portfolio website using Next.js and Tailwind CSS to showcase projects, skills, and achievements.
- Optimized performance, SEO, and accessibility for a seamless user experience across all devices.

CoinType | *(Next.js, React, TypeScript, Tailwind CSS, Wagmi, Ethereum)*

November 2024

- Developed a typing application with cryptocurrency integration where users can compete in typing battles and stake ETH.
- Built the app using Next.js and React with a focus on real-time interaction, low-latency performance, and seamless UI/UX.
- Integrated Wagmi for wallet connection and Ethereum transactions, allowing users to deposit, withdraw, and stake ETH.
- Implemented a competitive mode where users can challenge others, deposit ETH into a pool, and compete in typing challenges.

Eval.AI | *(TypeScript, NextJs, GeminiApi)*

October 2024

- Developed a code-helper AI that explains, optimizes, and cleans up code to improve readability and performance.
- Built a Chrome extension that allows users to select code snippets and use prompts like 'optimize code' or 'explain code'.
- Utilized Gemini's API for deep code analysis and integrated graphical visualizations for code quality, performance, and complexity metrics.
- Collaborated with a team of developers to continuously improve the AI's accuracy and user experience.

CryptoTracker | *(React, TypeScript, Tailwind CSS, Ethers.js, Solidity)*

November 2024

- Created a real-time cryptocurrency tracking app that displays live prices with interactive graphs and charts.
- Integrated Ethers.js for cryptocurrency swaps, wallet management, and interaction with decentralized exchanges.
- Built a user-friendly interface with Tailwind CSS, optimized for both mobile and desktop experiences.
- Ensured smooth and secure wallet connections using MetaMask and other popular Web3 wallet providers.

Twitter Clone | *Next.js, Tailwind CSS, Node.js, Express, MongoDB*

August 2024

- Developed a Twitter-like social media platform where users can post tweets, follow other users, and interact with posts.
- Implemented real-time features like live tweet updates and notifications using WebSockets and socket.io.
- Built a scalable backend with Node.js and Express to handle user authentication, tweet management, and user data storage.
- Designed a responsive user interface with React and Tailwind CSS to ensure smooth user experience across devices.

INTERESTS

Cryptocurrency and Blockchain Development: Exploring decentralized finance (DeFi), NFTs, and Ethereum layer 2 solutions.

Fullstack Development: Building scalable web applications with modern frameworks and technologies.

Open-Source Contributions: Actively contributing to GitHub repositories related to blockchain and AI projects.

Problem-Solving: Competitive Programming on platforms like LeetCode, Codeforces, and Codechef.